

How to replace the rear hub bearing on FIAT PUNTO 188

 VIDEO TUTORIAL

## Important!

This replacement procedure can be used for:
FIAT PUNTO (188_) 1.3 JTD 16V, FIAT PUNTO Van (188_) 1.3 JTD

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The steps may slightly vary depending on the car design.

# REQUIRED TOOLS:




- Wire brush
- WD-40 spray
- Copper grease
- Drive socket # 12
- Drive socket # 32
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Tap wrench
- Hammer
- Crow bar
- Wheel chock

## AUTODOC recommends:

- Do not re-use the bearing assembly of your FIAT PUNTO 188 car.
- The wheel hub bearing replacement procedure is identical for both wheels on the same axle.
- All work should be done with the engine stopped.

# CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1

Secure the wheels with chocks.

2




Loosen the wheel mounting bolts. Use wheel impact socket #17.

3

Raise the rear of the car and secure on supports.



4

Unscrew the wheel bolts.

## AUTODOC recommends:

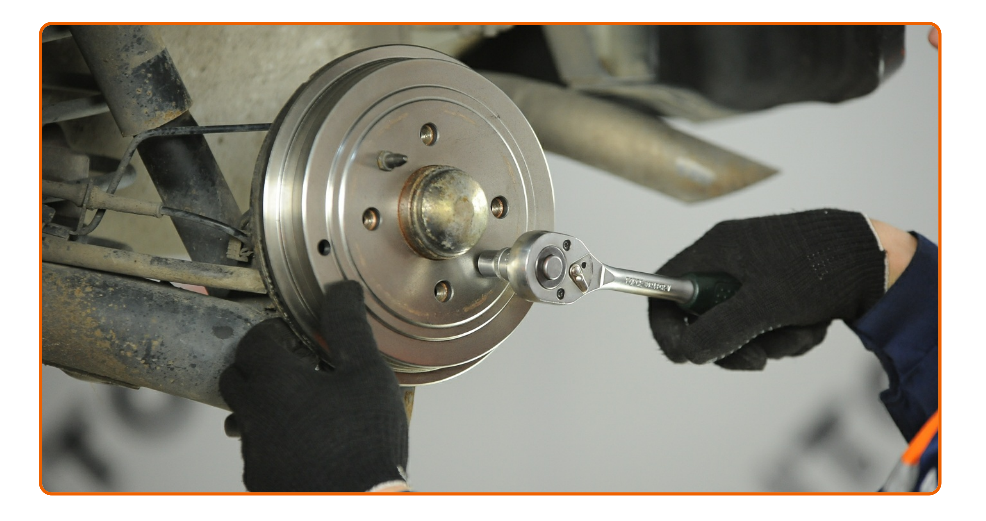
- To avoid injury, hold up the wheel when unscrewing the bolts.

5



Remove the wheel.

6



Unscrew the brake drum fastening Use a drive socket #12. Use a ratchet wrench.

7



Remove the brake drum.

## AUTODOC recommends:

- Examine the brake drum. Replace it if necessary.

8



Remove the hub bearing protection cap. Use a crowbar. Use a hammer.

## AUTODOC recommends:

- Some cars are not equipped with wheel hub caps.

9



Unscrew the wheel hub axle nut. Use a drive socket #32. Use a tap wrench.

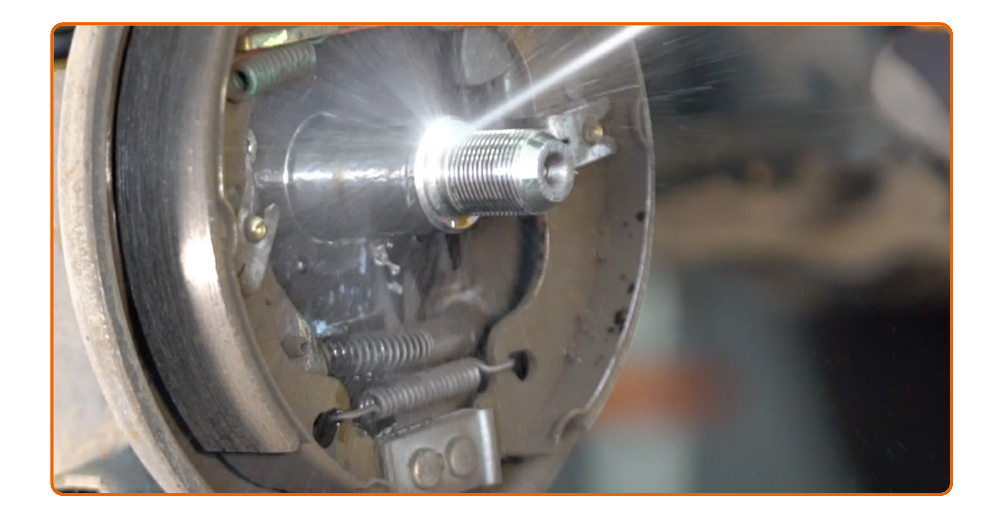


10




Remove the hub and the bearing together, since they are a sealed unit.

11



Clean the hub bearing mounting seat.

12



Install the new wheel hub with a bearing.

13



Tighten the hub. Use a drive socket #32. Use a torque wrench. Tighten it to 125 nm torque.

## AUTODOC recommends:

- The wheel bearing unit must not tilt on the axle pin.

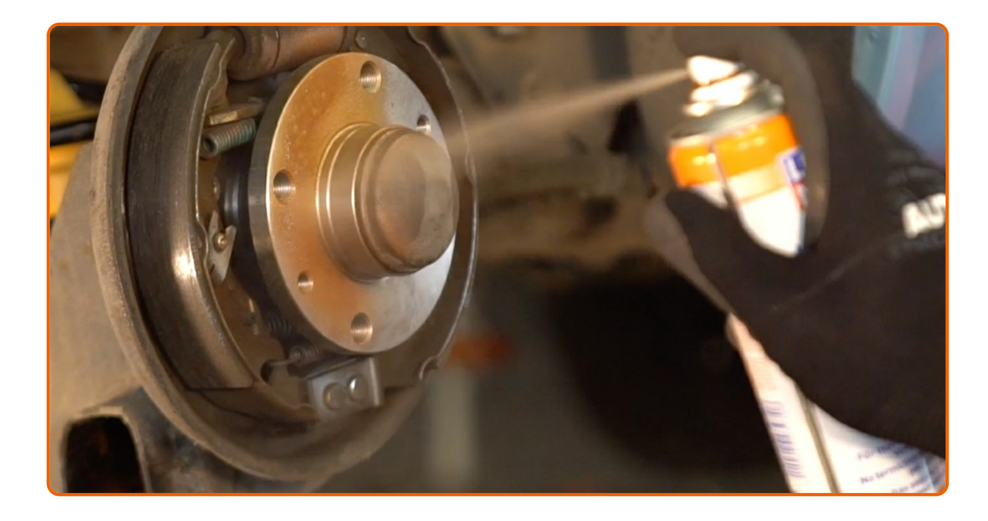


14



Install the hub bearing protection cap. Use a hammer.

15



Treat the hub where it contacts the brake disk. Use copper grease.

16



Install the brake drum and fasten it

17



Tigten the brake drum fasteners. Use a drive socket #12. Use a torque wrench. Tighten it to 15 Nm torque.

18

Clean the wheel rim mounting seat. Use a wire brush.

19




Treat the contacting surface. Use copper grease.

20



Install the wheel.

## AUTODOC recommends:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

**21**

Screw in the wheel bolts. Use wheel impact socket #17.

**22**




Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 120 nm torque.

**23**

Remove the jacks and chocks.



## DID YOU FIND THESE INSTRUCTIONS HELPFUL?

YES

NO

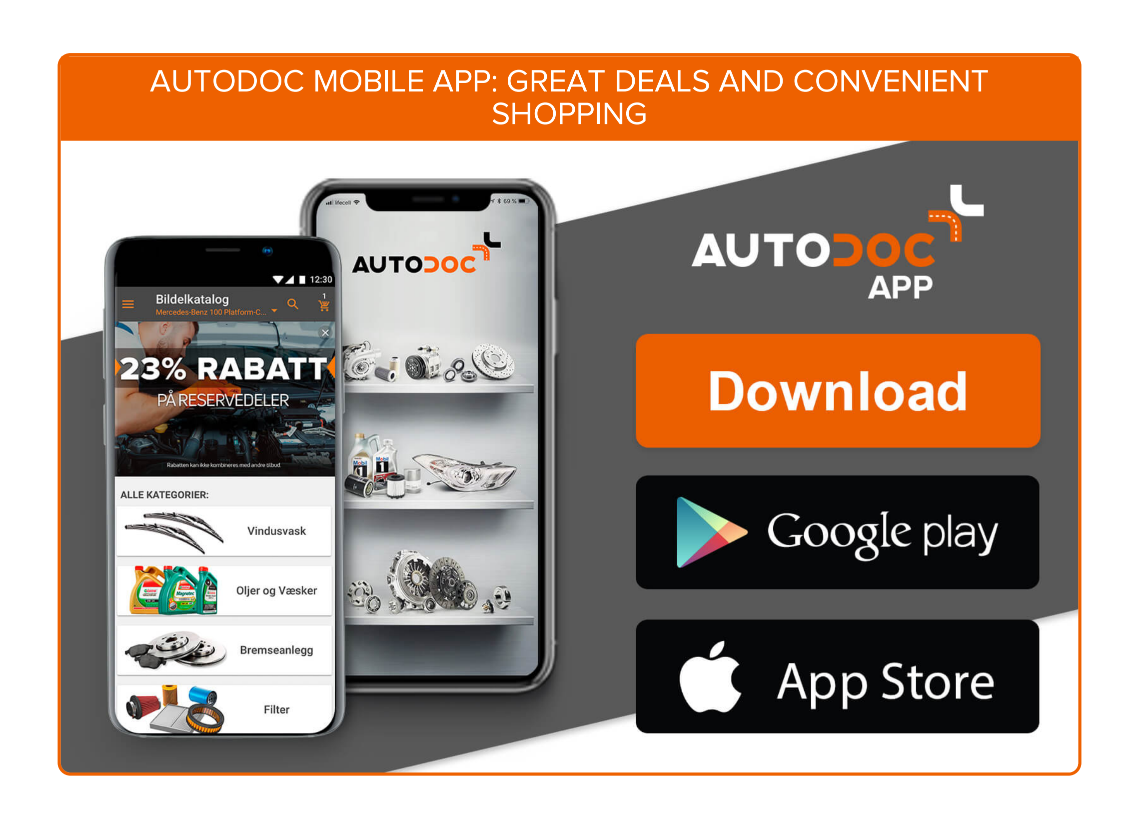


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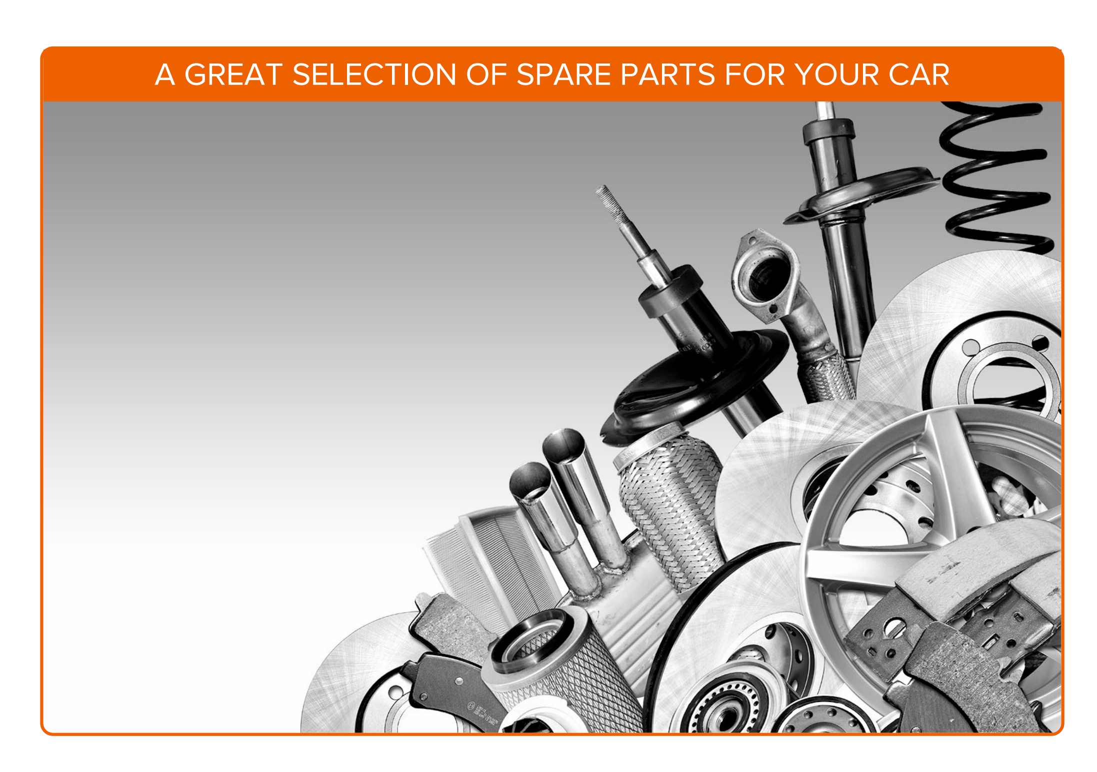



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